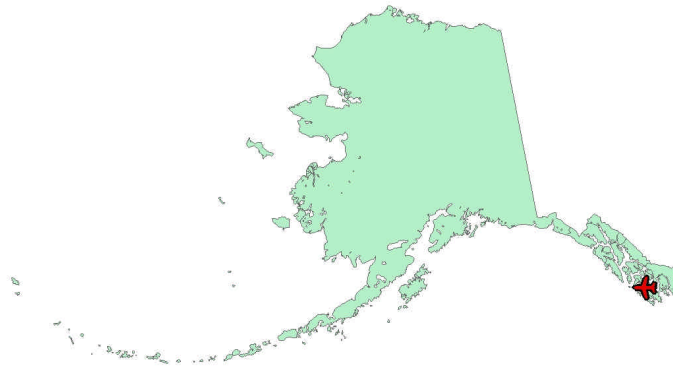




KLAWOCK AIRPORT



2004 Alaska Airport Pavement Condition Report

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Maps and report compiled by
 H. June Finkbiner
 Central Region Materials, Alaska DOT&PF

KLAWOCK AIRPORT - 2004

Contents:

- A Pavement Strength Form showing project history, latest Pavement Condition Index (PCI) data, pavement strength ratings (if available) and other useful information
- A Pavement Condition Survey – PCI Sample Unit Layout Plan
- PCI maps showing as-measured and predicted pavement conditions
- Age map showing pavement age as of 2003
- A Branch PCI Condition Report
- A Section PCI Condition Report

Airport Information:

- Location: Klawock Airport is located near the west central coast of Prince of Wales Island in the southwestern part of Southeast Alaska. It is approximately 1 mile north of Klawock Village.
- District: Southeast
- Airport Manager: Doug Russell
- District Maintenance Manager: Gary Franzen
- Pavement Surface: Asphalt Concrete
- Last Pavement Construction: 1994
- Pavement layout:

Paved areas on the airport consist of Runway 02-20 (5000' x 100'), two Taxiways and a large Apron. Taxiway B connects the Apron and the Runway. Taxiway C connects the runway to a lease area on the north end of the runway.
- Design Aircraft: Twin Otter, DC-3
- 2003 Enplanements: 867 – up 1% from 2002
- Airport Class: Non-Primary
- Last pavement condition survey: May 15, 2003
- Next planned pavement condition survey: 2006
- 2004 reported pavement maintenance and/or changed conditions: Continued crack sealing. Weeds are growing through the chip seal in the safety area.

Recommendations:

- Seal cracks wider than ¼" and patch as needed to maintain serviceability. Put vinegar on weeds.
- Consider a pavement overlay.

Date: 3 /1/2004

Branch Condition Report

1 of 2

Pavement Database: NetworkID: Klawock

Branch ID	Number of Sections	Sum Section Length (Ft)	Avg Section Width (Ft)	True Area (SqFt)	Use	Average PCI	PCI Standard Deviation	Weighted Average PCI
200 (Taxiway B)	2	600.00	75.00	49732.00	TAXIWAY	61.00	0.00	61.00
300 (Taxiway C)	2	200.00	100.00	21940.00	TAXIWAY	82.00	0.00	82.00
4100 (Apron)	2	900.00	800.00	720000.02	APRON	69.00	0.00	69.00
6100 (Runway 02-20)	2	10000.00	100.00	1000000.03	RUNWAY	56.00	0.00	56.00

Date: 3 /1/2004

Branch Condition Report

2 of 2

Pavement Database:

Use Category	Number of Sections	Total Area (SqFt)	Arithmetic Average PCI	Average PCI STD.	Weighted Average PCI
APRON	2	720000.02	69.00	0.00	69.00
RUNWAY	2	1000000.03	56.00	0.00	56.00
TAXIWAY	4	71672.00	71.50	10.50	67.43
All	8	1791672.04	67.00	9.82	61.68

Date: 3 /1/2004

Section Condition Report

1 of 2

Pavement Database: NetworkID: Klawock

Branch ID	Section ID	Last Const. Date	Surface	Use	Rank	Lanes	True Area (SqFt)	Last Inspection Date	Age At Inspection	PCI
200 (Taxiway B)	200-01	08/01/1994	AC	TAXIWAY	P	0	24866.00	05/15/2003	9	61.00
200 (Taxiway B)	200-01	08/01/1994	AC	TAXIWAY	P	0	24866.00	05/15/2003	9	61.00
300 (Taxiway C)	300-01	08/01/1994	AC	TAXIWAY	T	0	10970.00	05/15/2003	9	82.00
300 (Taxiway C)	300-01	08/01/1994	AC	TAXIWAY	T	0	10970.00	05/15/2003	9	82.00
4100 (Apron)	4100-01	08/01/1994	AC	APRON	P	0	360000.01	05/15/2003	9	69.00
4100 (Apron)	4100-01	08/01/1994	AC	APRON	P	0	360000.01	05/15/2003	9	69.00
6100 (Runway 02-20)	6100-01	08/01/1994	AC	RUNWAY	P	0	500000.01	05/15/2003	9	56.00
6100 (Runway 02-20)	6100-01	08/01/1994	AC	RUNWAY	P	0	500000.01	05/15/2003	9	56.00

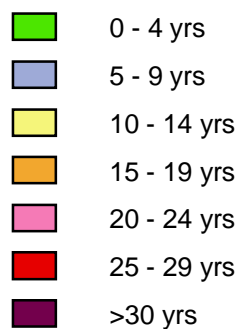
Pavement Database:

Age Category	Average Age At Inspection	Total Area (SqFt)	Number of Sections	Arithmetic Average PCI	PCI Standard Deviation	Weighted Average PCI
06-10	9.00	1791672.04	8	67.00	9.82	61.68
All	9.00	1791672.04	8	67.00	9.82	61.68

[illegible]

Klawock Airport

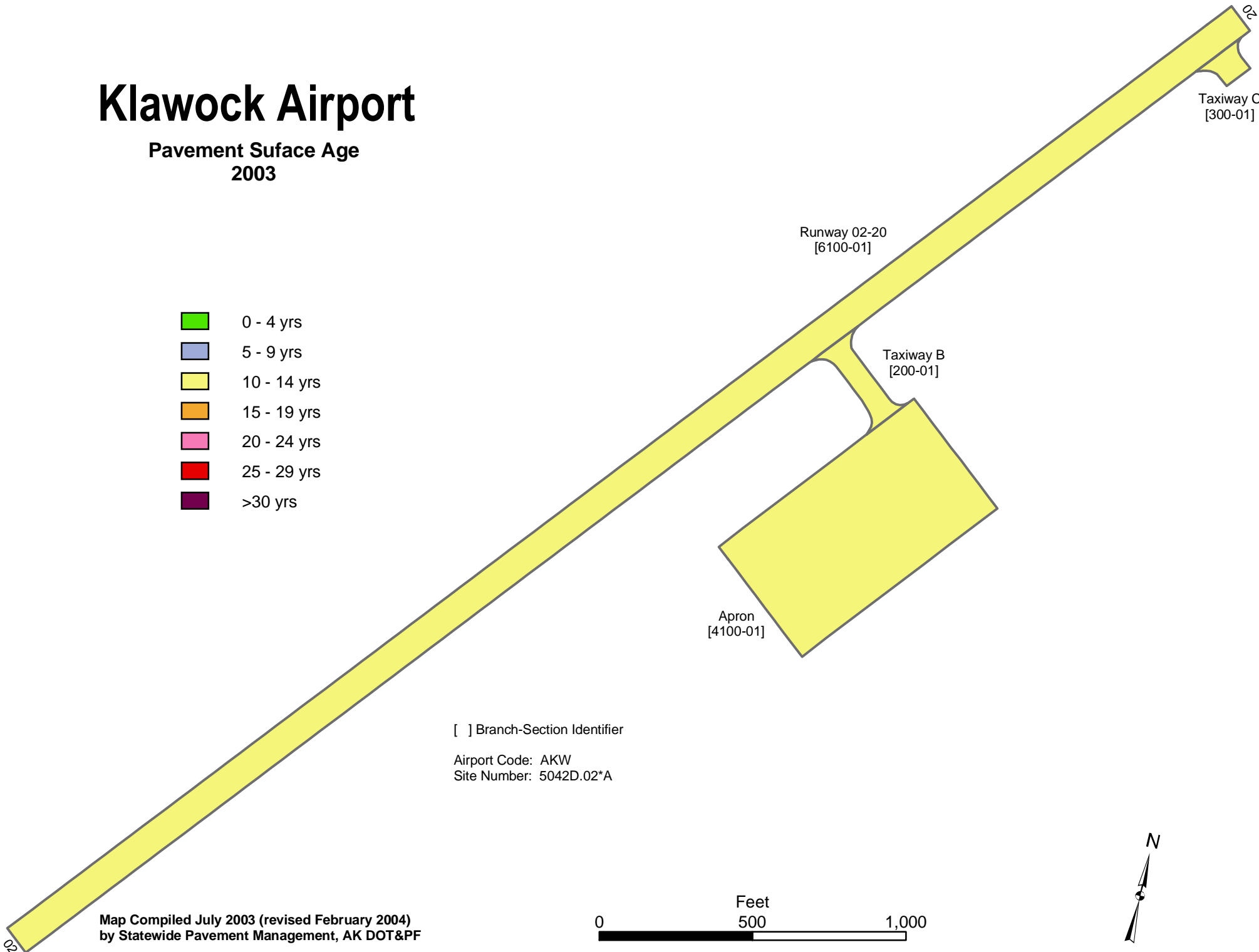
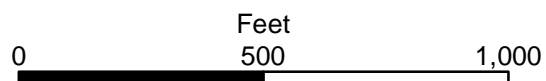
Pavement Surface Age
2003



[] Branch-Section Identifier

Airport Code: AKW
Site Number: 5042D.02*A









Map Compiled July 2003 (revised February 2004)
by Statewide Pavement Management, AK DOT&PF

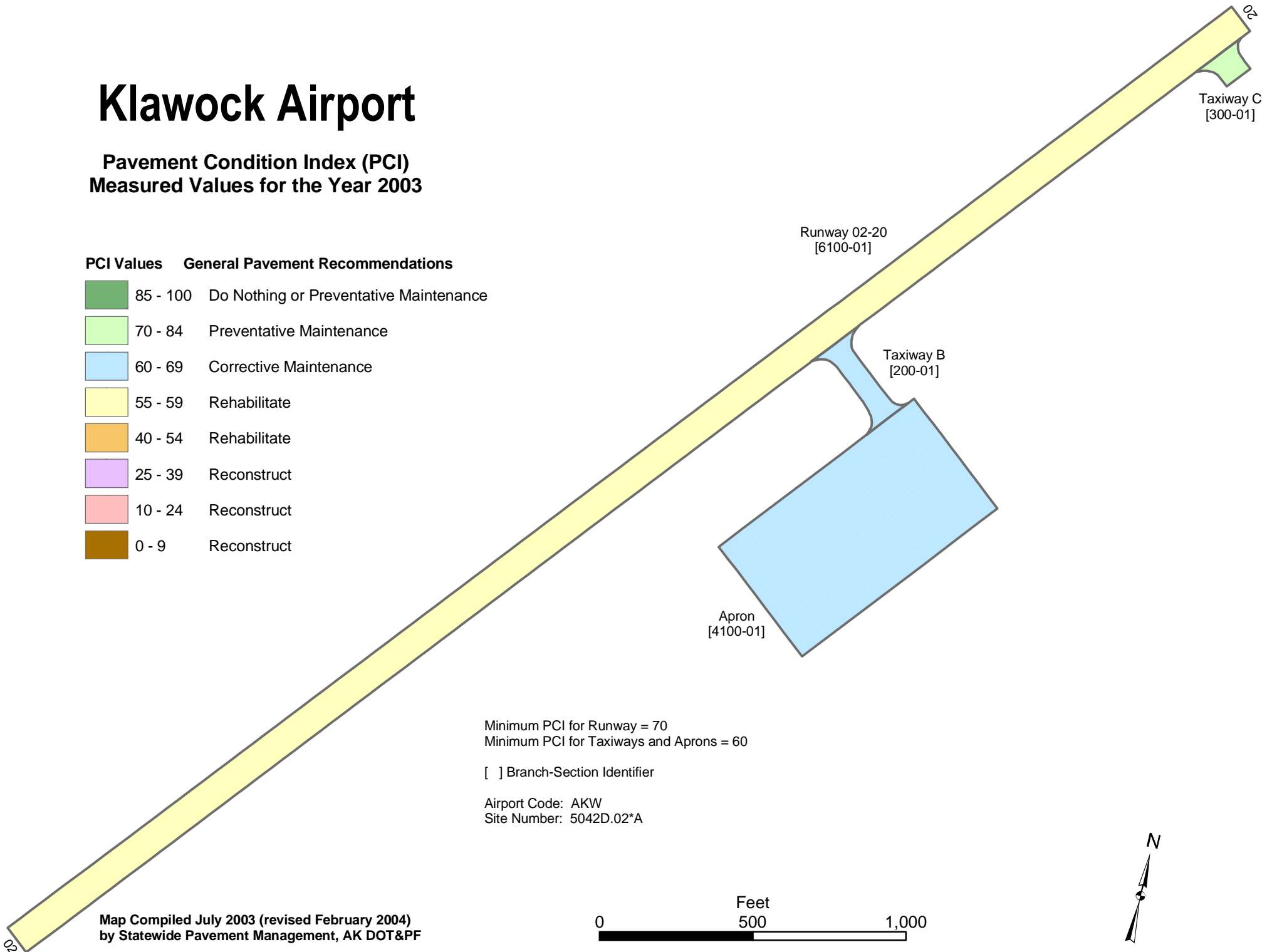


Klawock Airport

Pavement Condition Index (PCI) Measured Values for the Year 2003

PCI Values General Pavement Recommendations

	85 - 100	Do Nothing or Preventative Maintenance
	70 - 84	Preventative Maintenance
	60 - 69	Corrective Maintenance
	55 - 59	Rehabilitate
	40 - 54	Rehabilitate
	25 - 39	Reconstruct
	10 - 24	Reconstruct
	0 - 9	Reconstruct



Minimum PCI for Runway = 70
Minimum PCI for Taxiways and Aprons = 60

[] Branch-Section Identifier

Airport Code: AKW
Site Number: 5042D.02*A

Map Compiled July 2003 (revised February 2004)
by Statewide Pavement Management, AK DOT&PF









0 500 1,000
Feet



Klawock Airport

Pavement Condition Index (PCI)
Predicted Values for the Year 2004

PCI Values General Pavement Recommendations

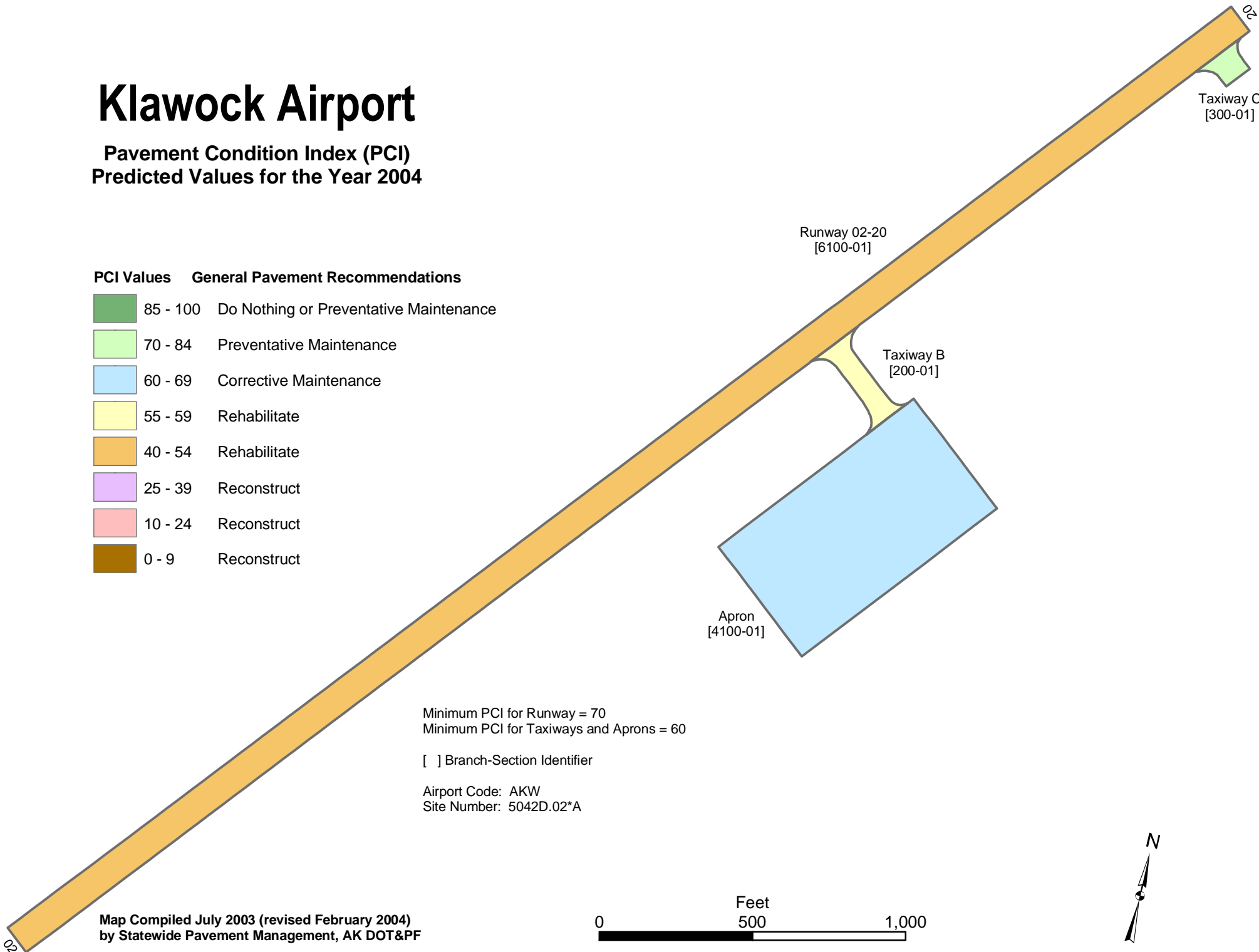
	85 - 100	Do Nothing or Preventative Maintenance
	70 - 84	Preventative Maintenance
	60 - 69	Corrective Maintenance
	55 - 59	Rehabilitate
	40 - 54	Rehabilitate
	25 - 39	Reconstruct
	10 - 24	Reconstruct
	0 - 9	Reconstruct

Minimum PCI for Runway = 70
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[] Branch-Section Identifier

Airport Code: AKW
Site Number: 5042D.02*A









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by Statewide Pavement Management, AK DOT&PF



Klawock Airport

Pavement Condition Index (PCI) Predicted Values for the Year 2005

PCI Values General Pavement Recommendations

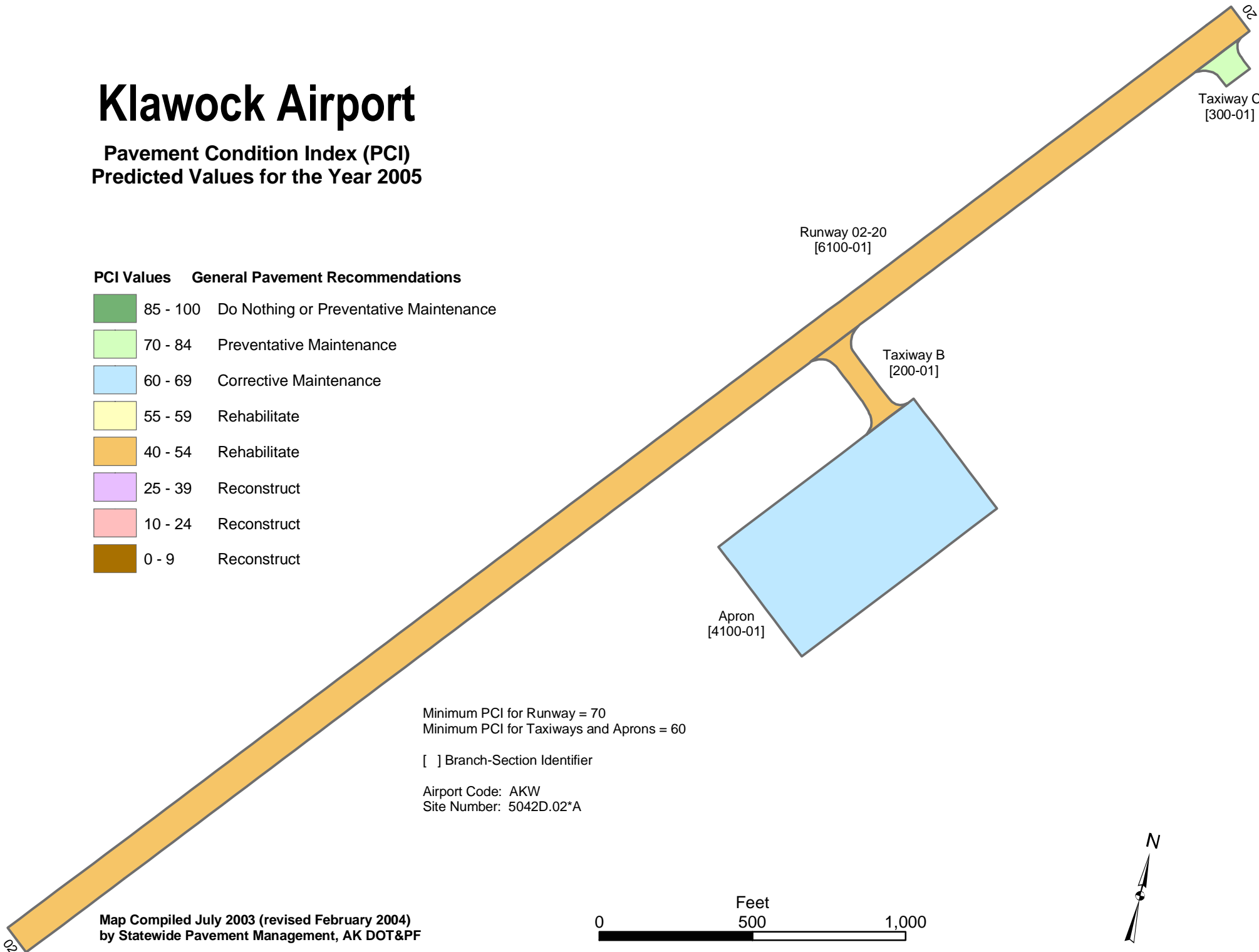
	85 - 100	Do Nothing or Preventative Maintenance
	70 - 84	Preventative Maintenance
	60 - 69	Corrective Maintenance
	55 - 59	Rehabilitate
	40 - 54	Rehabilitate
	25 - 39	Reconstruct
	10 - 24	Reconstruct
	0 - 9	Reconstruct

Minimum PCI for Runway = 70
Minimum PCI for Taxiways and Aprons = 60

[] Branch-Section Identifier

Airport Code: AKW
Site Number: 5042D.02*A









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Klawock Airport

Pavement Condition Index (PCI)
Predicted Values for the Year 2006

PCI Values General Pavement Recommendations

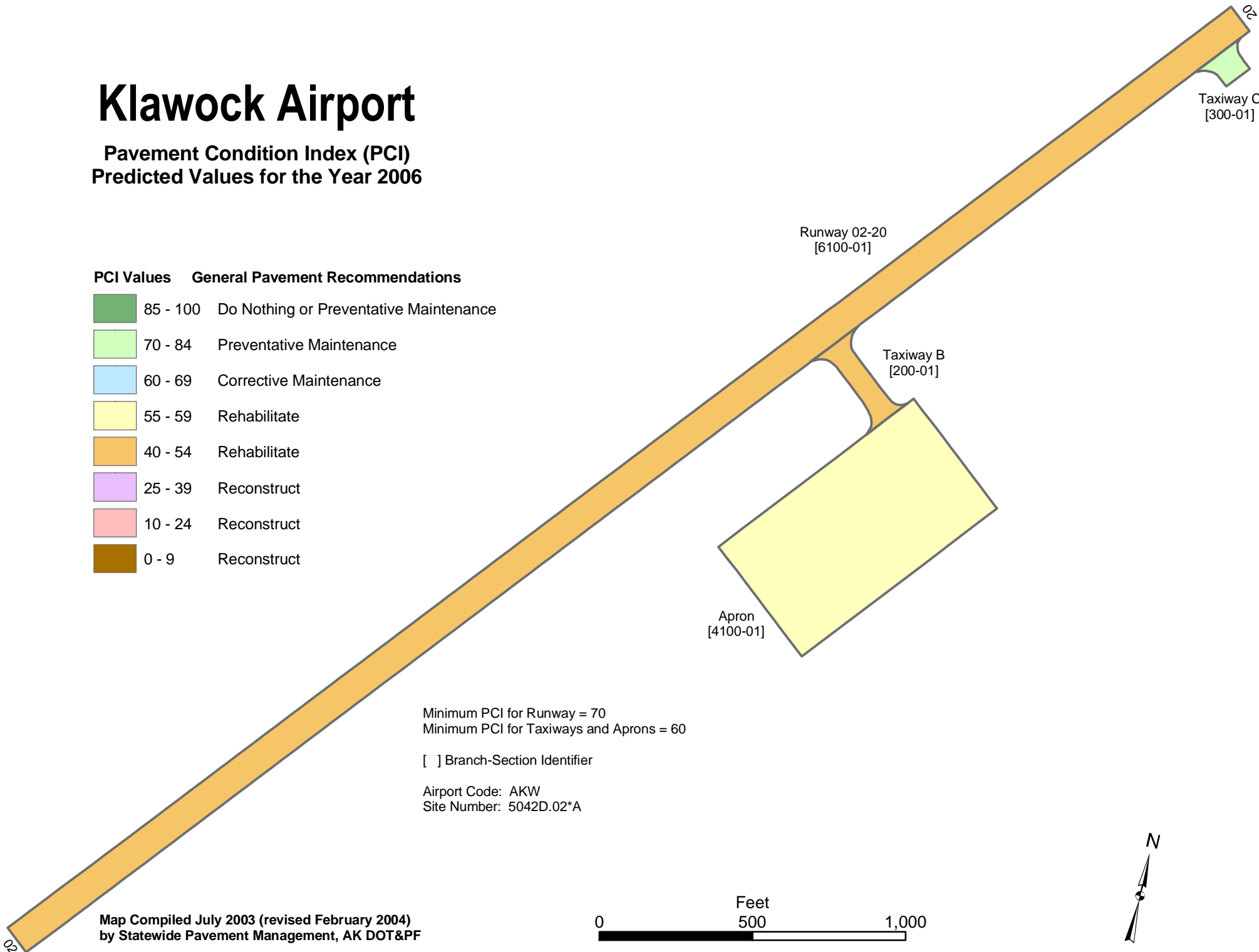
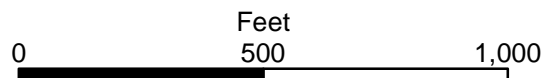
	85 - 100	Do Nothing or Preventative Maintenance
	70 - 84	Preventative Maintenance
	60 - 69	Corrective Maintenance
	55 - 59	Rehabilitate
	40 - 54	Rehabilitate
	25 - 39	Reconstruct
	10 - 24	Reconstruct
	0 - 9	Reconstruct

Minimum PCI for Runway = 70
Minimum PCI for Taxiways and Aprons = 60

[] Branch-Section Identifier

Airport Code: AKW
Site Number: 5042D.02*A









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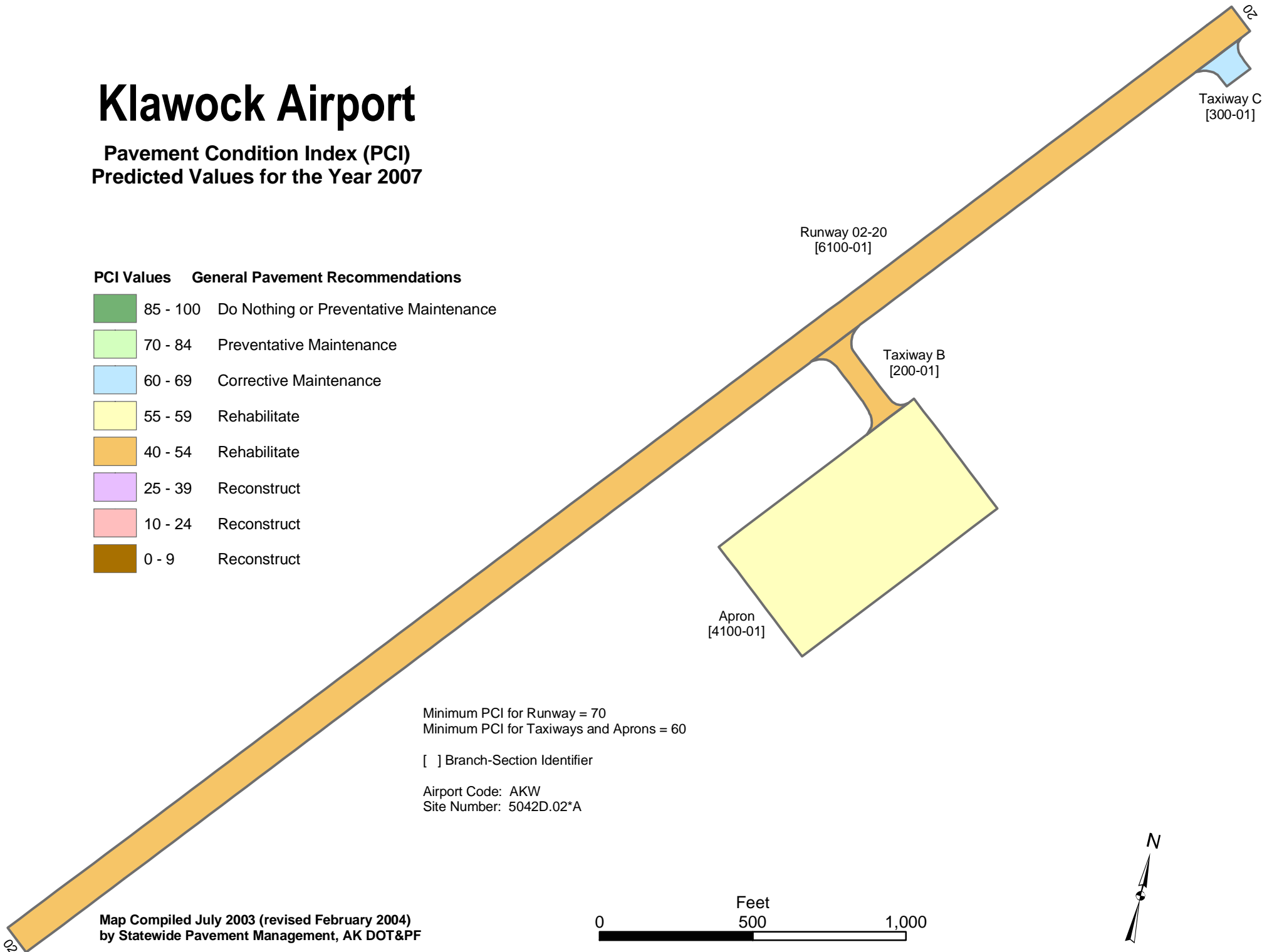


Klawock Airport

Pavement Condition Index (PCI)
Predicted Values for the Year 2007

PCI Values General Pavement Recommendations

	85 - 100	Do Nothing or Preventative Maintenance
	70 - 84	Preventative Maintenance
	60 - 69	Corrective Maintenance
	55 - 59	Rehabilitate
	40 - 54	Rehabilitate
	25 - 39	Reconstruct
	10 - 24	Reconstruct
	0 - 9	Reconstruct



Minimum PCI for Runway = 70
Minimum PCI for Taxiways and Aprons = 60

[] Branch-Section Identifier

Airport Code: AKW
Site Number: 5042D.02*A

Map Compiled July 2003 (revised February 2004)
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






Feet
0 500 1,000



Klawock Airport

Pavement Condition Index (PCI)
Predicted Values for the Year 2008

PCI Values General Pavement Recommendations

	85 - 100	Do Nothing or Preventative Maintenance
	70 - 84	Preventative Maintenance
	60 - 69	Corrective Maintenance
	55 - 59	Rehabilitate
	40 - 54	Rehabilitate
	25 - 39	Reconstruct
	10 - 24	Reconstruct
	0 - 9	Reconstruct

Minimum PCI for Runway = 70
Minimum PCI for Taxiways and Aprons = 60

[] Branch-Section Identifier

Airport Code: AKW
Site Number: 5042D.02*A

Map Compiled July 2003 (revised February 2004)
by Statewide Pavement Management, AK DOT&PF

